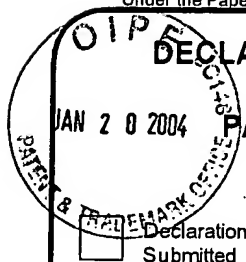


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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted  
With Initial  
Filing

OR

☒ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	IB-1830
First Named Inventor	Alivisatos, A. Paul
COMPLETE IF KNOWN	
Application Number	10/659,992
Filing Date	September 10, 2003
Art Unit	
Examiner Name	

I her by declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Graded Core/Shell Semiconductor Nanorods and Nanorod Barcodes

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) September 10, 2003 as United States Application Number or PCT International

Application Number 10/659,992 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Pri r Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.


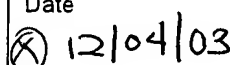
[Page 1 of 2]

This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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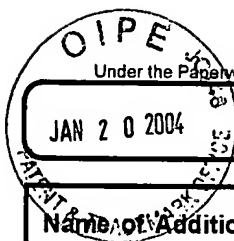
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 PATENT & TRADEMARK OFFICE  
**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	08076	OR	<input type="checkbox"/> Correspondence address below
Name					
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City		State		ZIP	
Country		Telephone		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any]) A. Paul			Family Name or Surname Alivisatos		
Inventor's Signature 			Date 		
Residence: City Oakland	State CA	Country United States	Citizenship United States		
Mailing Address 5941 Estates Drive					
City Oakland	State CA	ZIP 94611	Country United States		
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any]) Erik C.			Family Name or Surname Scher		
Inventor's Signature			Date		
Residence: City San Francisco	State CA	Country United States	Citizenship United States		
Mailing Address 1040A Guerrero Street					
City San Francisco	State CA	ZIP 94110	Country United States		
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.					

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**DECLARATION — Utility or Design Patent Application**

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Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <div style="text-align: center;">A. Paul</div>		Family Name or Surname <div style="text-align: center;">Alivisatos</div>	
Inventor's Signature			Date
Residence: City <div style="text-align: center;">Oakland</div>	State <div style="text-align: center;">CA</div>	Country <div style="text-align: center;">United States</div>	Citizenship <div style="text-align: center;">United States</div>
Mailing Address <div style="text-align: center;">5941 Estates Drive</div>			
City <div style="text-align: center;">Oakland</div>	State <div style="text-align: center;">CA</div>	ZIP <div style="text-align: center;">94611</div>	Country <div style="text-align: center;">United States</div>
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <div style="text-align: center;">Erik C.</div>		Family Name or Surname <div style="text-align: center;">Scher</div>	
Inventor's Signature <input checked="" type="checkbox"/> 			Date <input checked="" type="checkbox"/> 12/1/03
Residence: City <div style="text-align: center;">San Francisco</div>	State <div style="text-align: center;">CA</div>	Country <div style="text-align: center;">United States</div>	Citizenship <div style="text-align: center;">United States</div>
Mailing Address <div style="text-align: center;">1040A Guerrero Street</div>			
City <div style="text-align: center;">San Francisco</div>	State <div style="text-align: center;">CA</div>	ZIP <div style="text-align: center;">94110</div>	Country <div style="text-align: center;">United States</div>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



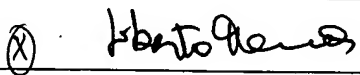
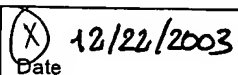
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JAN 20 2004

## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet

Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Liberato		Manna	
Inventor's Signature 		Date 	
Residence: City	Viale Adriatico 2, Palo Del Collie	State	Bari
		Country	Italy
	Citizenship Italy		
Mailing Address Viale Adriatico 2, Palo Del Collie			
Mailing Address			
City	Bari	State	Italy
		Zip	70027
		Country Italy	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			
Residence: City		State	
		Country	Japan
		Citizenship	
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
		Citizenship	
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	

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